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in file
cc W. Hedberg
RECEIVED
SEP 19 1989

DIVISION OF
OIL, GAS & MINING

September 12, 1989

Mr. Grant A. Pinkerton
North Lily Mining Company
PO Box 421
Eureka, Utah 84628

Re: North Lily Mining
Tintic Project
Plan Review Comments

Dear Mr. Pinkerton:

We have reviewed the plans submitted for the expansion of the Tintic Project heap leach pad and have the following comments:

Drawing No. 2 Flow line elevations 6121.0 feet and 6220.0 feet should be corrected.

Drawing No. 4

- a. Section F-F' should show a vented cap on leak detection monitoring pipe.
- b. Section F-F' should show the width of the bottom of the leak detection sump. Also it is recommended that the leak detection sump detail be modified so the bottom slopes to a low point. Further, the leak detection monitoring pipe should terminate at this low point without any changes in alignment for ease of sampling.

Installation and construction specifications should be provided for geomembrane (including field seaming), secondary clay liner, geofabric, leak detection system drain media and leak detection system base construction. These specifications must include quality assurance tests and their frequency for all these parts of the project.

Fencing and appropriate signing must be provided around the new heap leach pad.

A statement should be made about the proposed method for applying the Barren solutions to the ore.

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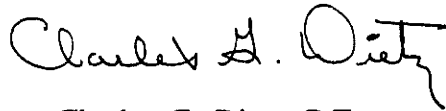
Operation and maintenance and leak detection monitoring plans must be submitted for review for the new leach pad.

Provision proposed to control sediment from storm runoff in disturbed areas must be provided for review.

Test results to substantiate the permeability rate and nature of the proposed clay borrow source must be provided for review.

Please call if there are any questions.

Sincerely,

A handwritten signature in cursive script, reading "Charles G. Dietz".

Charles G. Dietz, P.E.

Bureau of Water Pollution Control

CGD/ag

cc: Lowell Braxton, Division of Oil, Gas and Mining
Roger Foisy, P.E., Central Utah District Engineer, Richfield
Bruce Hall, Central Utah District Health Department

N:Tintic